

# EUROPEAN PATENT OFFICE

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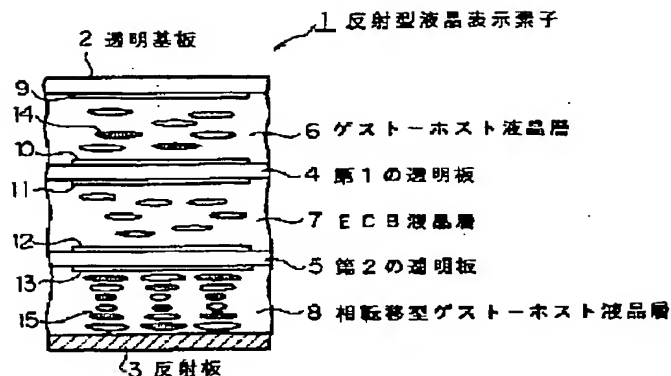
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TITLE : REFLECTION TYPE LIQUID CRYSTAL  
DISPLAY ELEMENT



ABSTRACT : PROBLEM TO BE SOLVED: To provide a reflection type liquid crystal display element capable of making bright white display and well expressing the brightness and darkness of the colors exclusive of white even with the display light exclusive of the white.

SOLUTION: This reflection type liquid crystal display element 1 is provided with a liquid crystal layer 6 of a guest-host mode, a liquid crystal layer 7 of an electric field control double refraction mode and a liquid crystal layer 8 of a phase transition type guest-host mode between a transparent substrate 2 and a reflection plate 3 successively in this sequence from the transparent substrate 2 side. These liquid crystal layers 6, 7, 8 are so constituted that their operations are respectively independently controlled by individual impression of voltages thereon.

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